YEGOROV, Petr Ivanovich; TSFASMAN, Anatoliy Zakharovich; KIYACHKO, V.R., red.; HALDINA, N.F., tekhn. red.

[Radioactive iodine in the diagnosis and treatment of diseases of the thyroid gland] Rzdioaktivnyi iod v diagnostike i lechenii zabolevanii shchitovidnoy zhelezy. Moskva, Medgiz, 1962. 246 p. (MIRA 15:4)

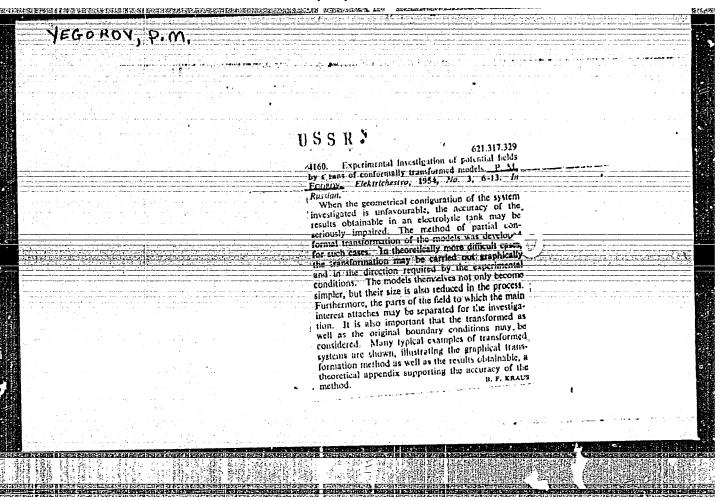
[IODINE\_ISOTOPES] (THYROID GLAND\_DISEASES)

Treatment of coronary insufficiency. Vest.AMN SSSR 17 no.7:34-40 '62. (CORONARY HEART DISEASE)

 YEGOROV, P.I.; TSFASMAN, A.Z.; DIBITHENA, G.V.; STARYKH, I.F.

Some problems in the diagnostic use of radioisotopes Cr 1 in the determination of gastrointestinal hemorrhage and 1-31 labeled rose bengal in liver function tests. Vest. AMN SSSR. 18 no.10: 70-76 163. (MIRA 17:6)

1. TSentral nyy institut usovershenstvovaniye vrachey Ministerstva zdravookhraneniya SSSR.



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GOV, HM.

AID P - 2821

Subject

: USSR/Electricity

Card 1/2

Pub. 27 - 10/30

Author

: Yegorov, P. M., Eng., Khar'kov

Title

: Investigation of magnetic field vortex in an

electrolytic tank

Periodical

: Elektrichestvo, 6, 54-59, Je 1955

Abstract

The author summarizes the existing methods of field mapping and suggests a method of solving problems of potential theory with models in an electrolytic tank in which he replaces the vortex zones represented by diffused current sources with an equivalent electrode. The resulting field is obtained by superposing component fields of separate electrodes. The author presents the calculation of the dimensions of the electrodes and emphasizes the advantages of his method. He also describes the use of his method in the study of eddy magnetic fields of electrical machinery. Eleven diagrams

Elektrichestvo, 6, 54-59, Je 1955

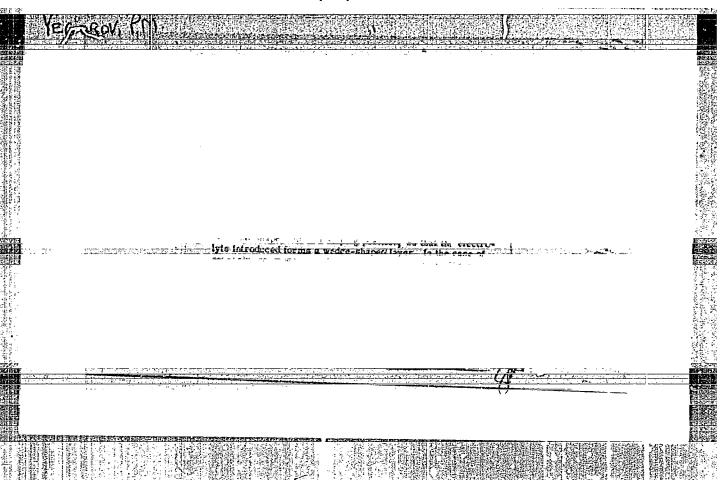
AID P - 282%

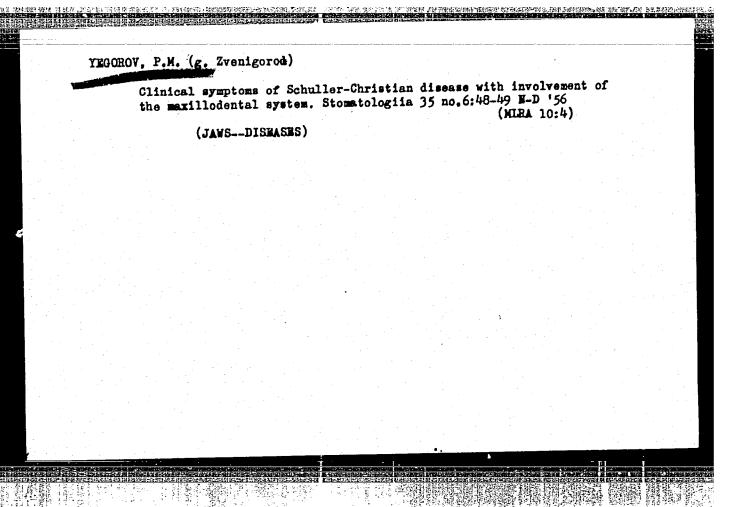
Card 2/2 Pub. 27 - 10/30

and drawings, 7 references (2 Soviet) (1931-1954).

Institution: None

Submitted: D 28, 1954





YEGOROV, P.M. aspirant

Clinical aspects of odontogenic inflammatory processes of the parotid masticatory region. Stomatologiia 38 no.6:19-26 N-D 159.

(MIRA 13:4)

1. Iz kafedry propedevtiki khirurgicheskoy stomatologii (zav. - dotsent G.A. Basil'yev) Moskovskogo meditsinskogo stomatologicheskogo instituta (direktor - dotsent G.N. Beletskiy) i Moskovskogo gorodskogo chelyustno-litsevogo gospitalya (glavnyy vrach - dotsent A.A. Kovner).

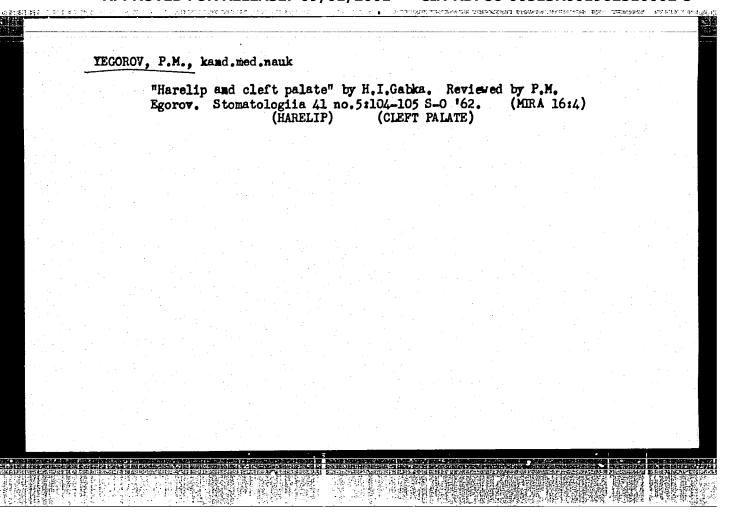
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# BASSALYK, D.A.; YEGOROV, P.M. Organization of practical work for atudents in the lower grades of medical schools. Zdrav. Ros. Feder. 4 no.12:21-23 D '60... (MIRA 13:12) 1. Iz Glavnogo upravleniye uchebnymi zavederiyami Ministerstva zaraveckhraneniya RSFSR. (MEDICINE—STUDY AND TEACHING)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001962510002-5"

YEGOROV, P. M.

Cand Med Sci - (diss) "Odontogenic inflammatory processes in the otomasticatory area." Moscow, 1961. 20 pp; (Ministry of Public Health RSFSR, Moscow Med Stomatological Inst); 250 copies; price not given; (KL, 7-61 sup, 258)



YEGOROV, P.M.

KRECHKO, Ya.V.; YEGOROV, P.M.

Using antibiotics in the treatment of inflammation processes in the tissues surrounding the jaws. Stomatologiia 35 no.4:39-41; J1-Ag 156. (MIRA 10:4)

l. Iz kafedry propedevtiki khirurgicheskoy stomatologii (sav.-dotsent G.A. Vasil'yev) Moskovskogo meditsinskogo stomatologi-cheskogo instituta (dir.-dotsent G.N. Beletskiy) i Moskovskogo chelyustno-litsevogo gospitalya (machal'nik-kandidat meditsinkikh nauk A.A. Kovner).

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YEGUNOV, P.M., kand.tekhn.nauk

Aluminum radiators for diesel locomotives. Trudy TSNII MPS
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1. Clavnyy inch. distantsii pach, stantsiya Moskva-Gavelovskaya.

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YECOROV, PETR NIKITOVICH

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TEKHNOLOGIYA VATY (ODEZHNOY I MEDITSINSKOY GRIGROSKOPICHESKOY) (TECHNOLOGY OF COTTON BATTING, BY P. N. YEGOROV (1) G. A. VAYNSHTEYN. MOSKVA, GIZLEGPROM, 1955.

180 (2) P. ILLUS., DIAGRS., TABLES.

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KONOBEYEVSKIY, S. T., ZAYMOVSKIY, A. S., LEVITSKIY, B. M., SOKURSKIY, Y. H., CHEBOTAREV, N. T., BOBKOV, V. V., YEGOROV, P. P., NIKCOLAYEV, G. N. and IVANOV, A. A.

"Some Physical Properties of Uranium, Plutonium and Their Alloys."

paper to be presented at 2nd UN Int.' Conf. on the peaceful uses of Atomic Energy, Genera, 1-13 Sept 58.

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TEGOROV, Pavel Timofoyevich, kand.voyennykh nauk; KISELEV, S.P.,
Inzh.-podpolkovnik, red.; KOMOVALOVA, Ye.K., tekhn.red.

[Rocket missiles] Reaktivnoe oruzhie. Moskva, Voen.izd-vo
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JUN 25 1963

# PHASE I BOOK EXPLOITATION

807/6215

Yegorov, Pavel Timofeyevich, Ivan Alekseyevich Shlyakhov, Terentiy Vasil'yevich Dolbnin (Deceased), and Viktor Stepanovich Mordvinov

Grazhdanskaya oborona (Civil Defense). Moscow, Gosizdat "Vysshaya shkola," 1962. 363 p. 40,000 copies printed.

Ed.: A. P. Martynov; Tech. Ed.: L. L. Yezhova.

PURPOSE: The book is intended as a textbook on civil defense for use in schools of higher education.

COVERAGE: The book includes necessary information on modern means of aerial attack, data on ordinary aerial beads, and data on chemical; biological, and radiological (CBR) weapons taken from the literature of non-Soviet bloc countries. The problems of the literature of non-Soviet bloc countries the problems of organizing civil defense are dealt with, and the steps to be taken in towns and other populated areas in order to reduce the taken in towns and other population and economic targets are danger of destruction of population and economic targets are discussed. Reconnaissance to determine extent and location of

Card 1/12 2

# sov/6215 Civil Defense destruction, and the conduct of emergency repair operations, first aid, and CBR decontamination are also treated. Problems associated with the organization of command and the coordination of action in an area of massive destruction are also considered. Four authors contributed to the writing of the book: Chs. I, II, III, VI, VII, VIII, VX, VXII, and VXIII were written by P. T. Yegorov; Chs. IV, IX, X, XI, and XIII by I. A. Shlyakhov; Chs. V, XIV, XVI, and XIX by T. V. Dolbnin; and Ch. XX by V. S. Mordvinov. In addition, Mordvinov collaborated with the authors of Chs. V, YIV YVI and YIY There are 2h references all Soviet (including XIV, XVI, and XIX. There are 24 references, all Soviet (!ncluding 3 translations from English). TABLE OF CONTENTS: .3 Introduction Ch. I. Modern Means of Aerial Attack Types of aerial attack and their characteristics 1. Military aviation Card 2/19 2

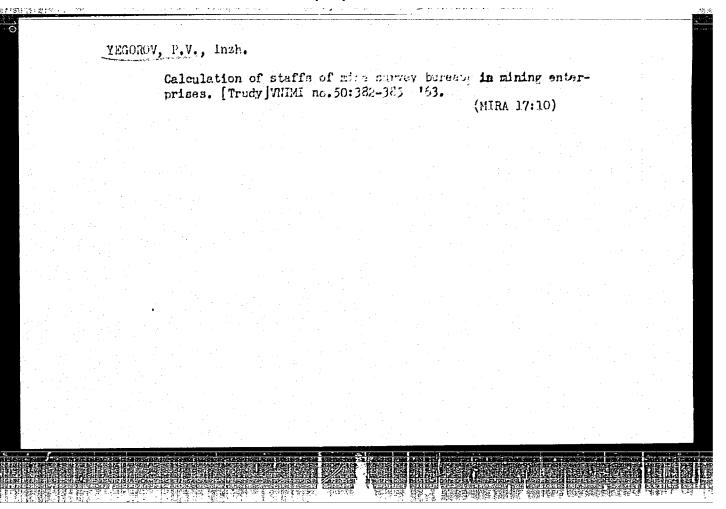
# TEOROY, P.V. Efficiency promotion and inventing in the construction operations of transportation industry. Transp.stroi. 10 no.7:4-5 Jl '60. 1. Glavmyy spetsialist Tekhnicheskogo upravleniya Mintransstroya. (Transportation—Buildings and structures) (Building—Technological innovations)

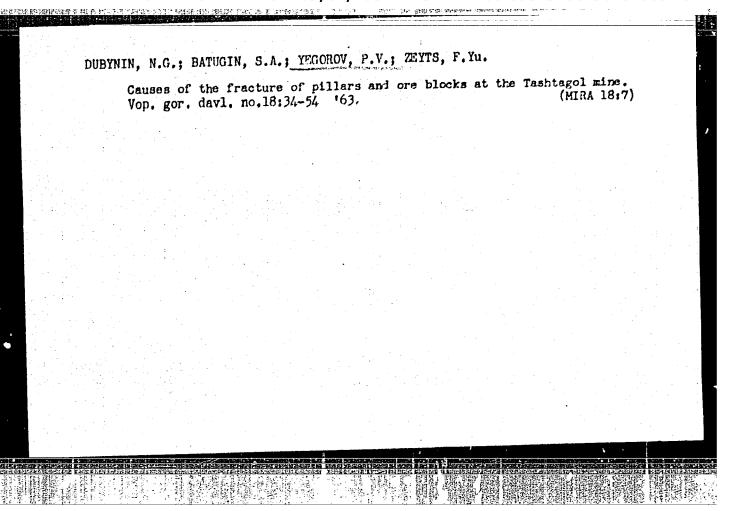
YEGOROV, P.V., insh.; RAZNITSYN, Yu.N., inzh.

Complete satisfactoriness of surveying in mining enterprises. [Trudy]

VNIMI no.45:10-11 '62. (Mine surveying)

(Mine surveying)





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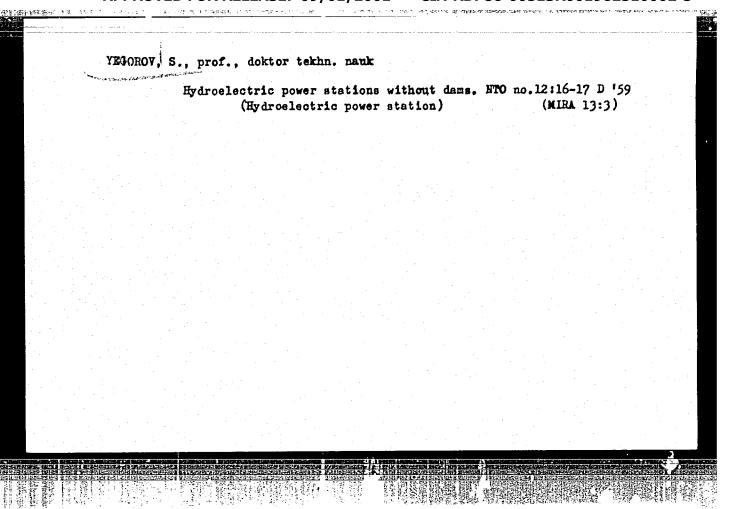
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(Banks and banking) (Commodity control)

TEGOROV, S.; MORSIN, V.; KOVBASYUK, M.

For an efficient utilization of working capital. Den. 1 kred.
(MIRA 14:12)

(Capital)



DANILOV, Dmitriy Ivanovich, inzh.; EELETSKIY, Vsevolod Vladimirovich, inzh.; GORYANSKIY, Yu.V., kand. tekhn. nauk, retsenzent; ORALOV, V.A., inzh., retsenzent; YEGOBOV. S.A., insh., nauchnyy red.; SOSIPATROV, O.A., red.; CHISTYAKOVA, R.K., tekhn. red.

[Trailer and container veasels] Treilernye i konteinemye suda. Leningrad, Sudpromgrz, 1963. 235 p. (MIRA 16:5)

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YFGOROV, S. A. Prof.

"Ejection Under Water at Hydro Stations as a Means of Restoring Pressure in the Flood," abstracted in Gidrotekh. stroi., Nos. 5/6, pp. 28-29, 1946

MEI - Moscow Order of Lenin Power Engr. Inst. im V.M. Molotov

YEOCHOV, S. A. (Professor)

\*Viscous Waves and Reynold's Criterion," Gidrotekh. Stroit. (Hydrotechnical Construction),
No 12, 19ho (11-13).
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YEGOROV	, S. A.	152T3.)	Constant Down Prat	Various branches of industry have adopted this process, in particular the transport and agricultural industries. Recommends development of multielectrode models designed for equal loading of three-phase lines with substantial power savings.	USNA/Engineering - Welding (Contd)  Aug 49	welding technique which is g. Process employs electro urrents above 500 amp, and thout holes in the top she	"Welding of Electric Rivets Under a Flux Layer Without a Hole in the Upper Sheet," S. A. Without a Froyektstal 'konstruktsiya" Trust, Yegorov, "Proyektstal 'konstruktsiya" Trust, K. L. Mironov, N. G. Savchenko, Lyanozovo Car Constr Factory, 1 1/3 pp	USSR/Engineering - Welding Aug 49 New Techniques

YEGOROV, S. A	65/49743	UESER/Engineering - Hydroelectric Plants Aug 49 (Contd) designed power of 144 kw lrops to 53 kw, while by making use of ejection into the tailrace, it can be restored to 88 kw.	Suggests method which would improve control of floodwaters and make small hydroelectric stations more effective. In this method, the floodwaters are discharged by ejection equipment directly through the machine room. Shows theoretically how the system would work in the Berezayke hydroelectric station. For a maximum flood of 180 cubic meters/sec, the power of a station with 65/49743	User/Engineering - Hydroelsouric Flants Aug 19 Flood Control Flootion Into the Tailrace at Small Hydrostations, Frof S. A. Yegorov, 6 pp
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"Method of Joining With Electric Rivets," S. A. Yegorov, Engr, Cen Sci Inst of Ind Structures "Avtogen Pelo" No 10, pp 20-24  Method is based on following properties of velding process under flux: possibility of forming are (at process under flux: possibility of forming are (at current not less than 400-500 a) by slight contact current up to 15-35 mm; ability of deep penetration to melt up to 15-35 mm; ability of deep penetration to 20 mm on using current up to 4,000-5,000 a.  16786  USER/Metals - Welding (Contd)  USER/Metals - Welding (Contd)  USER/Metals - Welding building with high efficiency.  16786									PA 167T86
Joining With Electric Rivets," S. A.  Cen Sci Inst of Ind Structures  lo" No 10, pp 20-24  assed on following properties of weld ler flux: possibility of forming arc less than 400-500 a) by slight cont to 15-35 mm; ability of deep penetra to 15-35 mm; ability of deep penetra nusing current up to 4,000-5,000 a.  air works since 1945. Method is also air works since 1945. Method is also air works since 1945. Wethod is also  sometive and ship building with high	YEGOROV	, S.	Λ.,	Engr			used fici	N.SEO	USSR/N "Methor gorov, "Avtog Methor proces curres of ell to me to me to 20 Gives bridg
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YECOROV, S. A.

"Ejection into Downstream Water of Hydroelectric Stations." Sub 2 Jun 51, All-Union Sci Res Inst of Water Supply, Sewerage, Hydraulic Structures and Engineering Hydrogeology (VODGEO)

Dissertations presented for science and engineering degrees in Moscow during 1951.

so: Sum. No. 480, 9 1/my 55.

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YEGOROV, S. A.

Reinforced Concrete Construction

Butt welding of reinforcements in assembly position. Stroi. prom. 30 no. 3, 1952.

Monthly List of Russian Accessions. Library of Congress, August 1952. Unclassified

MOSTEOV, M.A.: TEGOROY, S.A.: ROZOVSKIY, I.L., kandidat tekhnicheskikh nauk;
SMTSLOV, W.V., kandidat tekhnicheskikh nauk.

Coefficient of flow over an ideal spillway having a wide crest. Gidr.stroi.
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22 no.11:39-41 N-D '53.

(Spillways)

1. YECOROV, S.A.

- 2. Spot welding of reinforcing rods, Eng. Stroi.prom. 31 no. 4, 1953.
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- 7. Spot welding of reinforcing rods, Eng. Stroi.prom. 31 no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl

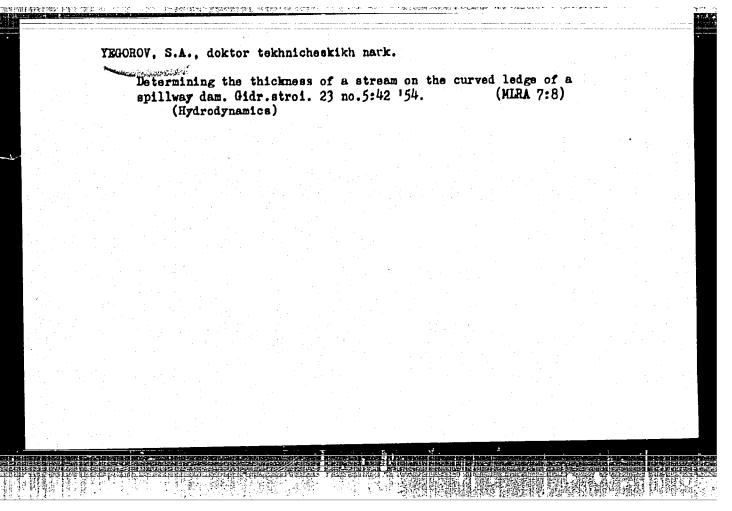
VEGOROV, S.A.

MOSTIOV, M.A., professor, doktor tekhnicheskikh nauk; YEGOROV, S.A.,
doktor tekhnicheskikh nauk.

Constructing a stable channel profile. Oldr.stroi. 23 no.3:41-42 '54.

(Hydraulic engineering)

(Hydraulic engineering)



TEGOROV, S.A., doktor tekhnicheskikh nauk.

Hydraulic resistance of a screen. Gidr.stroi 23 no.7:42-43 154.
(Screens) (Hydraulics)

(MIRA 7:11)

8(6), 14(10)

SOV/112-59-3-4637

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 3, p 50 (USSR)

AUTHOR: Yegorov, S. A., and Silkin, V. T.

TITLE: Effect of Hydroelectric-Powerhouse Wings on the Turbine Head (Vliyaniye formy otkrylkov zdaniya gidroelektrostantsii na napor turbiny)

PERIODICAL: Tr. Gigroproyekta, 1958, Nr 1, pp 74-76

ABSTRACT: Effect of the tailwater wing was studied on a 1:100 scale model of the Kuybyshev hydroelectric generating station. Comparative tests were conducted for two outlines of the walls: (1) the vertical wall and (2) the vertical lower part of the wall with a 1:4 bevel in the upper part. The experiments showed that with the wings and with the constant turbine discharge, the whirlpool in the tailwater is eliminated and the turbine head increases by 15-20 cm; this value is practically independent of the head or discharge of water through turbines and spillways of the station. The effect of the forebay whirlpool was studied on a 1:100 scale model of the Stalingrad hydroelectric station. The upper wing

Card 1/2

8(6), 14(10)

SOY/112-59-3-4637

Effect of Hydroelectric-Powerhouse Wings on the Turbine Head

of the powerhouse increases the turbine head by 12-18 cm as compared with the case of connection with the powerhouse by a guiding earth dike. The experiments showed that, in the case of low-head and medium-head hydroelectric stations, the vertical wings have an appreciable positive effect on their head and output.

Yu.M.S.

Card 2/2

BOZHICH, Sergey Fetrovich; FIDMAN, B.A., doktor tekhn.nauk, retsenzent; MAKSIMOV, L.S., inzh., retsenzent; YEGOROV, S.A., doktor tekhn.nauk, nauchnyy red.; MAR'YANSKIY, L.P., red.; SOKOL'SKIY, I.F., tekhn.red.

[Statistical regularities of stationary random processes; based on the results of measuring pressure pulsation at the boundary of a turbulent flow] Nekotorye statisticheskie zakonomernosti statsionarnykh sluchainykh protsessov; po rezul'tatam izmerenii pul'satsii narnykh sluchainykh protsessov; po rezul'tatam izmerenii pul'satsii davleniia na granitse turbulentnogo potoka. Moskva, Vses.proektnodavleniia na granitse turbulentnogo potoka. Moskva, Vses.proektnoizyskatel'skii i nauchno-issl.in-t "Gidroproekt" im. S.IA.Zhuk, 1959. 24 p. (Tekhnicheskoe soobshchenie, no.?).

(Fluid dynamics) (

(Probabilities)

BOMBCHINSKIY, V.P.; VTOROV, N.A.; DUNINUKOV, M.D.; YEGOROV, S.A., doktor tekhn.nauk, prof.; YERMOLOV, A.I.; ZAVORUYEV, V.P.; KALININ, V.V.; KACHEROVSKIY, N.V.; KUZNETSOVA, A.K.; KUZ'MIH, I.A., kand.tekhn.nauk; MIKULOVICH, B.F.; MIKHAYLOV, V.V., kand.tekhn.nauk; PETRASHEN, R.N.; REYZIN, Ye.S.; SINYAVSKAYA, V.M.; KHALTURIN, A.D.; SHCHERBINA, I.N., kand.tekhn.nauk; SEVAST'YANOV, V.I., red.; KARAULOV, B.F., retsenzent; LOVETSKIY, Ye.S., retsenzent; MIKHAYLOV, A.V., doktor tekhn.nauk, retsenzent; NATANSON, A.V., retsenzent; SOKOL'SKIY, M.M.; retsenzent; STANKEVICH, V.I., retsenzent; FREYGOFER, Ye.F., retsenzent; GOTMAN, T.P., red.; VORONIN, K.P., tekhn.red.

[Work of the All-Union Scientific Research Institute for the Study and Design of Hydraulic Structures] Nauchno-issledovatel'skie raboty Gidroproekta. Pod obshchei red. V.I. Sevast'ianova. Moskva, Gos.energ.izd-vo, 1961. 214 p. (MIRA 15:2)

1. Moscow. Vsesoyuznyy proyektno-izyskatel'skiy i nauchno-issledo-vatel'skiy institut Gidroproyekt imeni S.Ya.Zhuk. Nauchno-issledo-vatel'skiy sektor.

(Hydraulic engineering--Research)

(MIRA 15:9)

An energy interpretation of the concept of pressure in a liquid.

Izv. vys.uch.zav.; stroi. i arkhit.5 no.4:123-126 62.

1. Moskovskiy avtomekhanicheskiy institut. (Hydrodynamics)

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TSIREL'SON, Simon Aronovich; RAZRAN, Mikhail Avraamovich. Prinimala uchastiye TSIREL'SON, E.A.; MIROPOL'SKIY, S.V., kand. biol. nauk, retsenzent; CHICHENEV, A.I., inzh., retsenzent; BOBOSHKO, S.B., nauchnyy red.; GORDON, L.A., nauchnyy red.; YEGOROV, S.A., nauchnyy red.; KAZAROV, Yu.S., red.; KRYAKOVA, D.M., tekhn. red.

[Livability on board ships]Obitaemost' sudov. Leningrad, Sudpromgiz, 1963. 266 p. (MIRA 16:3) (Merchant seamen—Accommodations on shipboard) (Ships—Heating and ventilation)

YEGOROV, S.A., doktor tekhn.nauk, prof.

"Hydraulic power amplifiers" by V.A.Khokhlov. Reviewed by S.A.Egorov. Izv. vys. ucheb. zav.; energ. 6 no.4:130-132 Ap '63.

[MIRA 16:5]

1. Moskovskiy avtomekhanicheskiy institut.
(Hydraulic control) (Khokhlov, V.A.)

"Hydraulic power amplifiers" by V.A.Khokhlov. Reviewed Izv. vys. ucheb. zav.; energ. 6 no.4:130-132 Ap 163.	i by S.A.Egorov.	
1. Moskovskiy avtomekhanicheskiy institut. (Hydraulic control) (Khokhlov, V.A.	.)	

# YEGOROV, S.A. prof.

Concerning the flow of a liquid in a coiled pape. Izv. vys. ucheb. zav.; energi 5 no.9:119-120 S 162. (MIRA 15:10)

 Moskovskiy avtomekhanicheskiy institut. (Fluid dynamics)

YEGOROV, S.A., prof.

Terminology on vane pumps. Izv. vys. ucheb. zav.; energ. 6 no.7:126-127 Jl '63. (MIRA 16:8)

1. Moskovskiy avtomekhanicheskiy institut.
(Pumping machinery—Terminology)

LUCHANSKIY, Iosif Aleksandrovich; YANOVSKIY, Aleksandr Aleksandrovich; ROZHDESTVENSKIY, V.V., dots., retsenzent; FATSKAN, F.M., inzh., retsenzent; YEGOROV, S.A., nauchn. red.; LISOK, E.I., red.

[From the oar to the water jet propeller] Ot vesla do vodometa. Leningrad, Izd-vo "Sudostroenie," 1964. 208 p. (MIRA 17:5)

TOMAKOV, Andrey Aleksandrovich; DRUZHININ, V.V., kand. tekhn.
nauk, retsenzent; PEREGUDOV, V.N., inzh., retsenzent;
YEGOROV, S.A., nauchn. red.; OSVENSKAYA, A.A., red.

[Submarine transport boats] Podvodnye transportnye suda. Leningrad, Sudostroenie, 1965. 266 p. (MIRA 18:3)

8/598/61/000/006/008/034 D228/D303

AUTHORS:

Ogurtov, S.V., Reznichenko, V.A., and Yegorov, S.I.

TITLE:

Investigating the sodiothermic method of titanium

preparation

SOURCE:

Akademiya rauk SSSR. Institut metallurgii. Titan i rego splavy. nc. 6, 1961. Metallotermiya i elektro-

khimiya titana, 50 - 59

TEXT: In this work the authors' aim was to secure information on certain insufficiently-studied aspects of the sodiothermic method of TiCl4 reduction: The effect of subsequent additions of the reducer on the distribution of the reaction products; the character of the temperature distribution with respect to the reactor's height; and the influence of thermal conditions on the spongers fractional composition. Their appeatus consisted of a distillation crucible, a feeder with a stop-rod and leveler, and a reactor. The temperature was maintained at 650 - 750° or above 800° during the experiments. Three thermocouples were fitted to the side of the beaker, Card 1/3

CIA-RDP86-00513R001962510002-5 APPROVED FOR RELEASE: 09/01/2001

Investigating the sodiothermic ...

S/598/61/000/006/008/034 D228/D303

their positions corresponding to the original level of the liquid Na, the final level of the reaction products, and the level of the gaseous phase. Tests an the distribution of the reaction products in the interval 650 - 750° disclosed that the addition of liquid Na in the first and second periods of the reaction decreases the size of the void at the bottom of the beaker, which thus permits the more efficient use of the reaktor's full volume; moreover the reaction volume increases as the amount of the original sodium charge dectases, since the sponge starts to grow above the level of the molten reducer. Above 8000, however, this effect is lessened, and the results of experiments conducted with the subsequent addition of liquid Na differ little from those where all the Na is initially added. As regards the fractional composition of the sponge, the authors' data indicate that Ti conglomerates somewhat more in the finer fractions at 650 - 7500 than is the case in reductions carried out at  $> 800^{\circ}$ , the respective contents of the > 30-mesh fraction being 55 % and 64 %. But on the addition of the reducer at 650 -  $750^{\circ}$  in the first half of the process -- and at >800° in the second period -- the fractional composition is the same as in tests Oard 2/3

Investigating the sodiothermic ...

S/598/61/000/006/008/034 D228/D303

performed solely at the latter temperature. There also appears to be little difference in the fractional composition of sponge produced at high temperatures in the madoratory and sponge taken from the sides and center of industrial reactors. The study of the temperature distribution at three different levels in the reactor shows that the gaseous phase at first has the highest temperature; however, it falls well below the temperature of the reaction products towards the end of both the first and second stages of the process. The authors hence conclude that in low-temperature reactions the reduction proceeds through the intermediate layer of the titaneous chlorides. Above 800° this layer expands, and the gradual reduction of the TiCl<sub>4</sub> by Na occurs chiefly in the gaseous phase. Processes of the prereduction by Na of the titaneous chlorides dissolved in molten NaCl obtain a considerable development at the very end of the reaction. There are 4 figures and 1 table.

Card 3/3

8/598/61/000/006/009/034 D228/D303

AUTHORS:

Ogurtsov, S.V., Reznichenko, V.A., Karpenko, O.A.,

and Yegorov, S. I.

TITLE:

The two-stage method of the sodiothermic preparation

of titanium

SOURCE:

Akademiya nauk SSSR. Institut metallurgii. Titan i yego splavy. no. 6, 1961. Metallomermiya i elektro-

khimiya titana, 60 = 67

TEXT: In re-examining the two-stage method for the sodiothermic production of Ti the authors' aim was to secure information on the optimum temperature conditions for the formation of "black salt"-13NaCl•3TiCl3•2TiCl2; the distribution of the reaction products during the prereduction of this compound; the influence of both the rate of Na input and the excess of NaCl on the crystallization of Ti; and the main structure of the resulting metal. "Black salt" crystallizes in one of the lower systems, and has a refractive-in-dex and melting-point of 1.66 - 1.68 and 502 - 503° respectively;

Card 1/3

CIA-RDP86-00513R001962510002-5" **APPROVED FOR RELEASE: 09/01/2001** 

The two-stage method of the ...

\$/598/61/000/006/009/034 D228/D303

it arises as an intermediate product in the first stage of the sodiothermic process and eliminates the formation of finely-dispersed Ti -- a possible source of metal contamination. The work was done in a laboratory reactor fitted with a distillation crucible and a feeder for the liquid reducing-agent which was added either rapidly (in 1 or 2 portions) or slowly in small successive increments. The experimental data show that a homogeneous crystalline mass of "black sait" may be obtained in all cases, particularly at 750 -8500. The simultaneous addition of all meagents gives a fine sponge. But coarser dendritic material -- with crystal dimensions of up to 25 mm and having the properties of "iodide" Ti (HB = 90) 2- is formed on the addition of liquid Na to molten "black salt" at 650 -7500. The slow rather than the rapid addition of Na also promotes the growth of coarser Ti. Structures identified by the authors include compact sponge consisting of a homogeneous mass of small grains, dendritic material, and acicular material with discrete Ti crystals whose size is increased by decreasing the rate of the reducer's input. However, in the event of an excess of NaCl over the amount required for the formation of "black salt", the rapid addi-

The two-stage method of the ...

S/598/61/000/006/009/034 D228/D303

tion of the reducer is conducive to the development of large crystals. The author conclude that the further elaboration of this method could lead to both the decreased consumption of Na and Cl in the sodiothermic process and the considerable improvement of the quality of the end-product. There are 4 figures.

Card 3/3

YEOROV, S.M.: KINSHIN, D.N.; FISHER, A.Ya.: SHESTERNIN, P.S.

Vacuum dezincing of brass. TSvet.met. 28 no.6:32-36 N-D '55.

(Brass) (Zinc) (Metallurgical furnaces)

PHASE I BOOK EXPLOITATION SOV/3699

Goryachev, A.P., S.M. Yegorov, I.S. Fatiyev, and V.A. Semenov

Argono-dugovaya svarka i payka titana (Argon Arc Welding and Soldering of Titanium), Leningrad, 1957. 34 p. (Series: Informatsionno-tekhnicheskiy listok, No. 80-81. Svarka i payka metallov) 6,200 copies printed.

Ed.: Z.M. Ryzhik, Engineer; Tech. Ed.: T.B. Klopova.

PURPOSE: This book is intended for welders.

COVERAGE: Manual and automatic methods of welding titanium with and without filler metal are explained. Soldering and brazing methods are discussed and fluxes and protective gases are described. There are 11 references: 7 Soviet, and 4 English.

TABLE OF CONTENTS: None given [book divided as follows].

Introduction

Card 1/3

1

Argon Arc Welding (Cont.) SOV/3699	) *** ***
1. Manual Argon Arc Welding of Titanium	2
<ul> <li>II. Automatic Welding of Titanium in a Protective Atmosphere</li> <li>1. Welding with a tungsten electrode without the use of filler metal</li> <li>2. Automatic welding with a consumable electrode</li> </ul>	16 16 21
III. Soldering of Titanium  1. Surface properties of titanium and their effect on the soldering process 2. Solders 3. Fluxes and protective gases 4. Recommendations on the brazing of titanium a) Preparation of work for brazing b) Methods of heating c) Preparation of fluxes d) Techniques of brazing	26 27 27 31 32 32 32 33
5. Methods of soldering titanium  Card 2/3	34

	Argon Arc					SOV/3699		
	٤ 1	a) Chemica b) Goating metal	al plating of good of titanium	titanium by dippin	with anot g it in a	her metal molten	34	
	Bibliograph						35	
			of Congress				36	
	Card 3/3					VK/ 6-7	gmp -60	
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VEGOROV. S.M.: KOMAROV, A.M.

Nonferrous-metal pipe plant of the British Company Impay

Nonferrous-metal pipe plant of the British Company Imperial Chemical Industries ( to be concluded). Biul. TSIIN tsvet.met. no.17:38-3 of cover '57. (MIRA 11:7) (Great Britain--Pipe, Copper)

YEGOROV, S.M.

137-58-5-9643

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 112 (USSR)

AUTHORS: Yegorov, S.M. Komarov, A.M.

TITLE: Imperial Chemical Industrial N

Imperial Chemical Industries Nonferrous Tube Mill (Zavod po proizvodszvu trub iz tsvetnykh metallov angliyskoy firmy Imperial Kemikel Indastris)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 18, pp 37-41

ABSTRACT: A process drawing (D) Cu and Al tubing (T) on vertical and horizontal draw blocks (B) is described. The vertical B have overhead drive. A distinctive feature of the vertical and horizontal B is the absence of undercut fillets. The T is wound on the B in uniform turns by automatic translation of the dieholder in the required direction by a special drive.

1. Copper tubing--Production 2. Aluminum tubing--Production

3. Industrial plants--Equipment

Card 1/1

5.	25(1) PRASE I BOOK EXPLOITATION SONY/2040	11ectio 4,000	PURPOSE: This collection of articles is intended for use in research institutes, institutes of higher learning, design offices, and	COVINGE Those technical papers deal with the results of research in welding technology. The main purpose of this work was to investigate the effects of various welding regimes and heat want perlitting on the schanical properties of wilds of austential and perlitting composition. A musher of seperates and electric alloys and a number of onofernous melding the properties and welding properties and welding the properties of seperates. The present also dealt the present in an area of onofernous sections of the object of the properties and a musher of nonfernous sections.	The second and the properties. The crystalling factor of the services factor of the second second of a second seco	erties of the we culties in welding d come next to the apellments in the	ls regarded as one of the oldy. Soveral papers deal liloys and with the use of the papers are profusely incographs. Beferences as	TABLE OF CONTRETS: Welding (Cont.) SOV/2050	Maredov, 5.3., Candidate of Twchnisal Sciences, I.V. Gorphin, and M.A. Blinov, Engineer. Determination of Properties of the Mat-effected Zone of Constructional Steels	Cheshulia, B.B., Candidate of Technical Sciences, and V.I., Syshanitor, Engineer. Study of Philgue Strength of Midded Titanius Joints		Partsoratiy, 0.4., Engines: Study of Passage of Current Enrough Molten Slag in Electrosias Wolding.	Pathliff, P.R., Candidate of Technical Sciences, and G.A. Perisovally, Engineer. Submerged Arc Welding of Mat. 1981.		
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YMOOROV					•							
	New alum no.4:33-	inum-das	e alloy,	"Hidum	inium 1	00. " B	iul. T	SILI	tavet. (MIRA 1	mt. 1:5)		
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S/137/60/000/012/019/041 A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1960, No. 12, p. 135, # 29135

AUTHOR:

Yegorov, S.M.

TITLE:

Automatic Welding of Titanium in Shielding Cas

PERIODICAL:

Tr. Nauchno-tekhn. o-va sudostroit. prom-sti, 1959, No. 33,

pp. 85 - 92

TEXT: The author studied methods of automatic welding of Ti in inert gases with tungsten electrode without filler metal (I) and with consumable electrodes (II). He established that the method I can be employed for welding  $\leq$  3 mm thick Ti-sheets in one pass using copper shaping paddings. Welding process can be conducted in argon or a mixture of 80% He and 20% argon. Using the method II least spattering and best seam formation occurs when welding on current of direct polarity with a thin wire (1.2 - 2 mm) in a mixture of 80% He and 20% argon. Preliminary degassing of the wire in a vacuum (5 hours at 900°C in a vacuum of 3 x 10<sup>-5</sup> mm Hg) reduced the H<sub>2</sub> content in the wire and in the

Card 1/2

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88662

Automatic Welding of Titanium in Shielding Gas

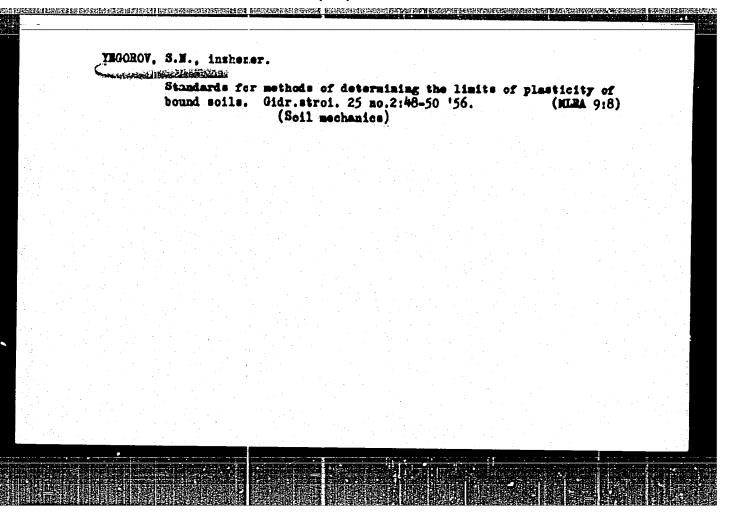
S/137/60/000/012/019/041 A006/A001

seam by about twice (from 0.0023 to 0.001% and from 0.0057to 0.0024% respectively), somewhat improved the plastic properties of the weld metal and raised considerably  $a_k$ . When producing V-welds with 14 mm thick Ti,  $a_k$  of the seam metal increased from 3.0 to 7.6 kg/cm<sup>2</sup>.

G. N.

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2



APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001962510002-5"

SOV/124-58-10-11625

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 10, p 132 (USSR)

AUTHOR: Yegorov, S. N.

The Compression Index and Resistance to Shear of Some Clays TITLE:

Depending Upon Their Porosity, Humidity, and Hydrophilic Aciivity (Sznimayemost' i soprotivleniye sdvigu nekotorykh glinistykh gruntov v zavisimosti ot ikh poristosti, vlazhnosti i

gidrofil'nost)

Tr. Soveshchaniya po inzh. -geol. svoystvam gorn. porod i PERIODICAL:

metodam ikh izucheniya. Moscow, 1957, pp 126-128

ABSTRACT: Theses of a report are given with qualitative evaluation of the

results of investigations performed on the determination of the

resistance to shear of certain genetic types of clay.

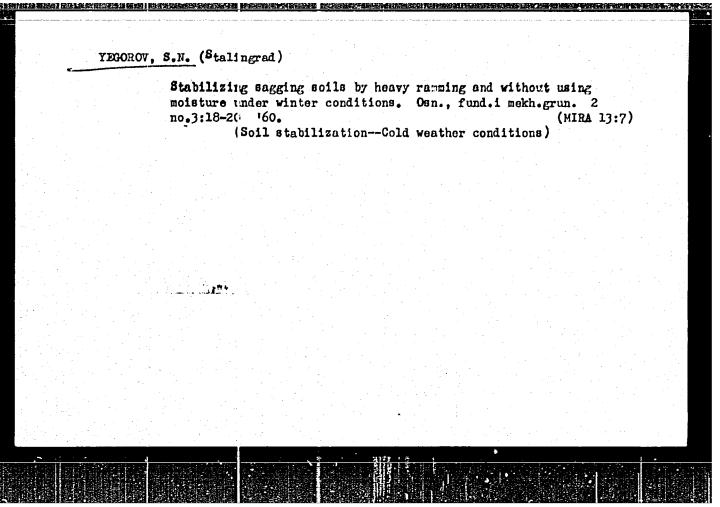
A. S. Stroganov

Card 1/1

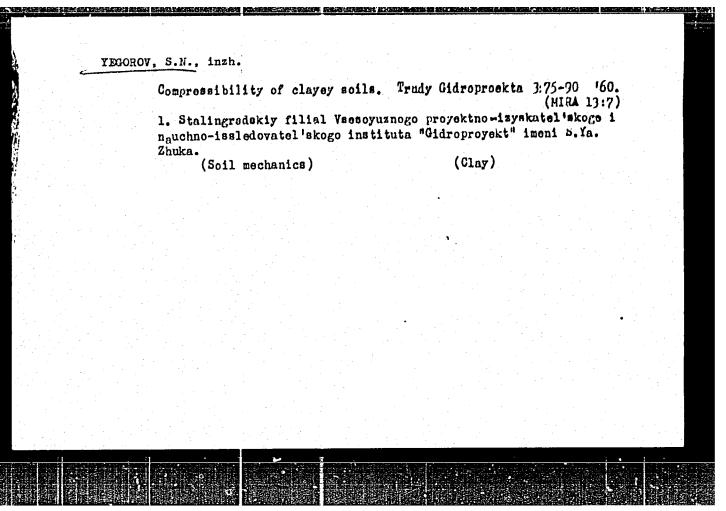
GALAKTIONOV, V.D., kand.geol.-min.nauk; GORETSKIY, G.I., doktor geol.-min. nauk; DURANTE, V.A., kand.tekhn.nauk; ZUBKOVICH, M.Ye., kand.geol.-min.nauk; KAVEYEV, T.S., kand.geol.-min.nauk; POKROVSKAYA, H.M., kand.geol.-min.nauk; BRASHNINA, A.N., inzh.; YEGOROV, S.N., inzh.; KUMSKOVA, C.G., inzh.; LOVETSKIY, Ye.S., inzh.; WAMKNKO, G.K., inzh. MILIKHIKER, Sh.G., inzh.; SINYAKOV, N.P., inzh.; SERGEYEVA, N.A., red.; VORONIN, K.P., tekhn.red.

[Geology of the Volga-Don Canal region] Geologiia raiona sooruzbanii Volgo-Dona. Pod red. V.D.Gelaktionova. Moskva, Gos.energ.izd-vo. 1960. 416 p. fold.col.map. (MIRA 13:10)

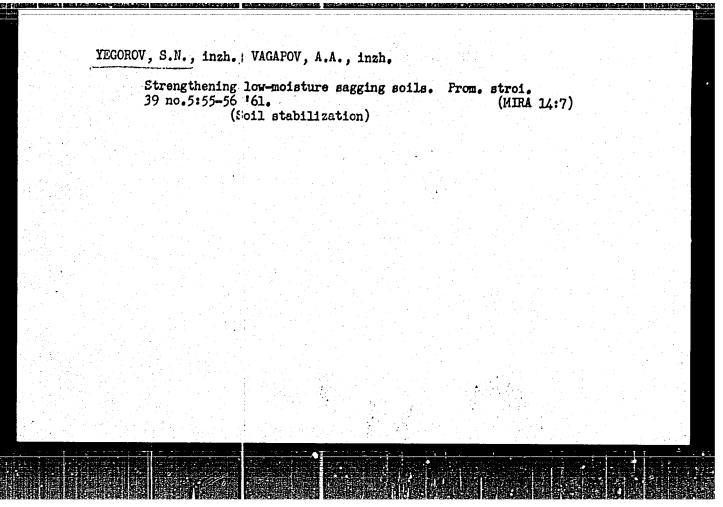
1. Moscow. Vsesoyuznyy proyektno-izyskatel'skiy i nauchno-issle-dovatel'skiy institut "Gidroproyekt" imeni S.Ya.Zhuk.
(Volga-Don Canal region--Geology)

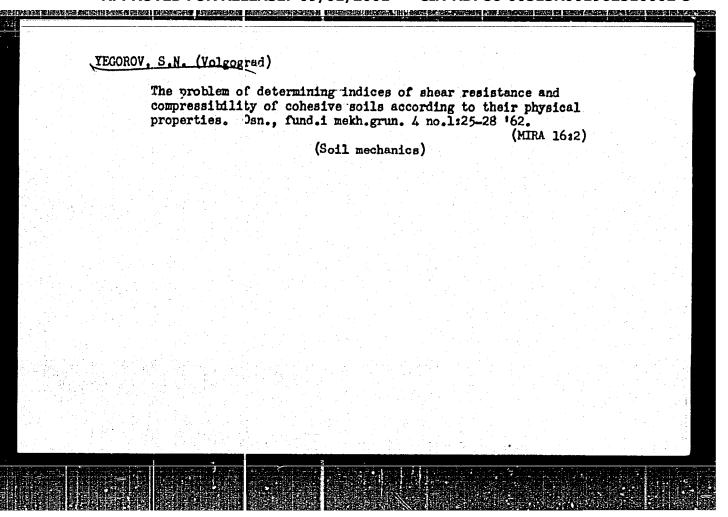


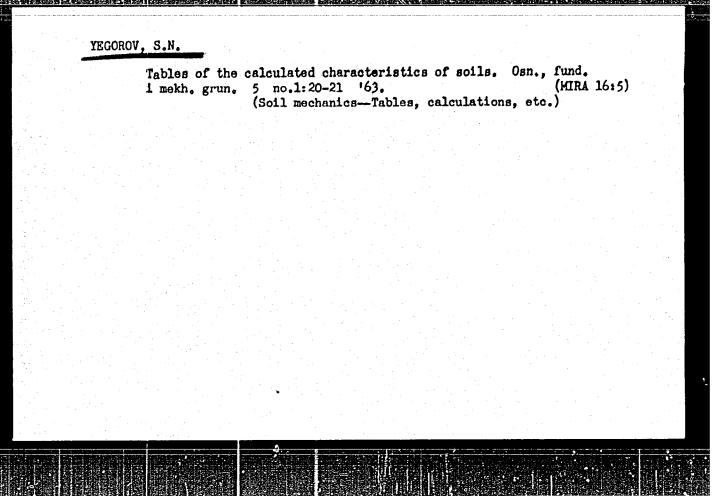
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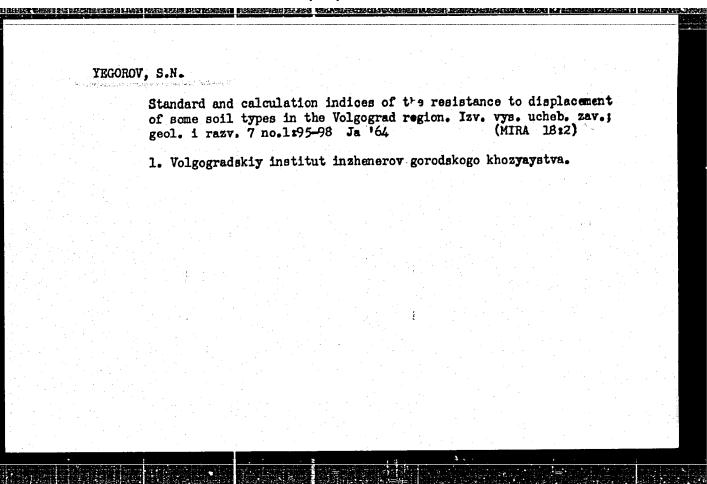
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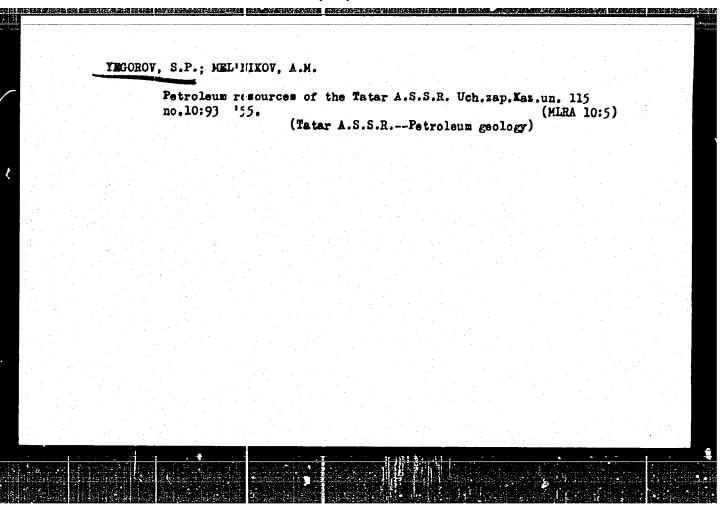




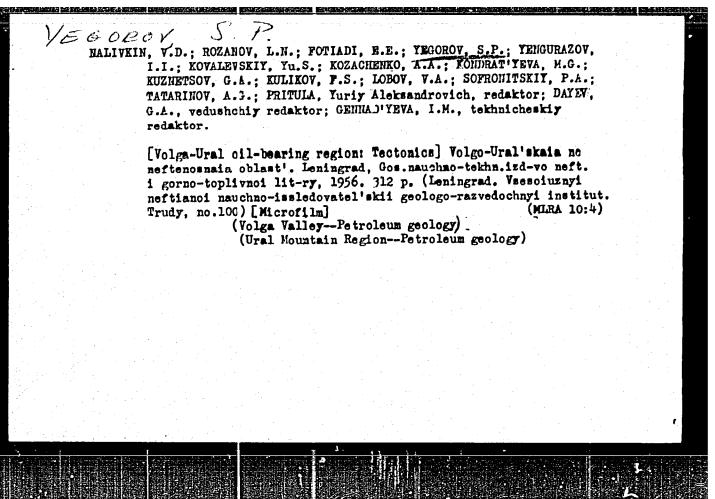


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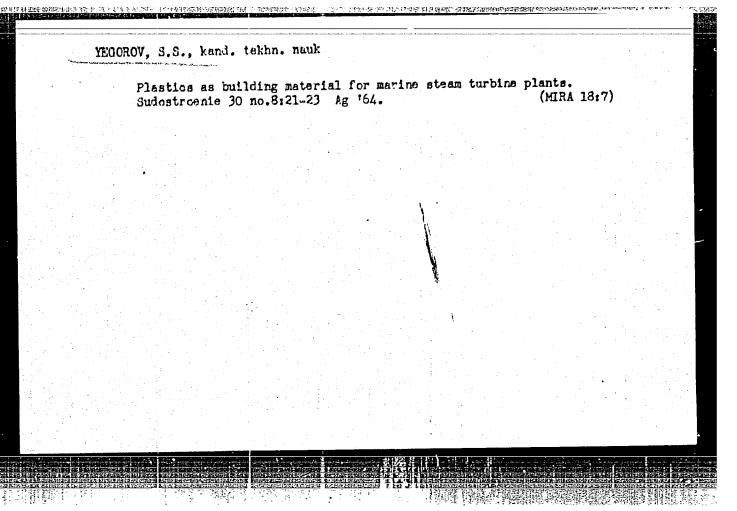




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TEGOROV, S.P.				
	New tectonic rlan of the Tatar A.S.S.R. and adjacent areas in Kirov Procince and the Udmurt A.S.S.R. Geol. nefti i gaza 4 no. 12:4-7 D 160. (MIRA 13:12)			
	1. Trest Tatneftegazrazvedka. (Volga Valley-Geology, Structural)			



L 40846-66 EWT(1)ACC NR. AP6011372 SOURCE CODE: UR/0362/66/002/003/0305/0307 AUTHOR: Gurvich, A. S.; Yegorov, S. T. R ORG: Institute of Atmospheric Physics (Institut fiziki atmosfery) TITLE: Determination of the temperature of the ocean surface by its thermal radio emission SOURCE: AN SSSR. Izvestiya. Fizika atmosfery i okeana, v. 2, no. 3, 1966, 305-307 TOPIC TAGS: ocean property, radio emission, temperature measurement ABSTRACT: The results of an experimental check of the possibility of determining the temperature distribution of the ocean surface from an aircraft on the basis of its radio emission are given. Formulas are given for the antenna temperature of the radio emission receiver, brightness temperature of the radiating surface, and depth of penetration of centimeter waves into the oceanic water. The greatest divergence between the values of measuring the water temperature directly from ships and those determined from an aircraft did not exceed 1.5-2.5C at a temperature contrast of about 10-12C. The results of the experiment confirm the possibility of a reraft determination of temperature distribution and the detection of ice on the surface from its radio emission. The author thanks N. V. Roslov and D. T. Matveev who participated in the measurements. Orig. art. has: 2 figures and 4 formulas. VDC: 551.521.2 SUBM DATE: ORIG REF: 005/ OTH REF: 001 230ct65/

TOLSTIKHIN, N.I.; YEGOROV, S.V.

Role of landlocked basins in the drainage of water-bearing horizons of northern Kazakhstan. Zap. IGI 34 no.2:61-69 '56.

(MIRA 12:6)

(Mazakhstan-Water, Underground)

YEGOROV, S. V., Candidate Geolog-Mineralog Sci (diss) -- "The hydrogeology of the Kazakh portion of the west Siberian lowland". Leningrad, 1959. 26 pp (Min Geology and Protection of Natural Resources USSR, All-Union Sci Res Geol Inst (VSEGEI)), 100 cop:les (KL, No 25, 1959,129)

ALESKEROVA, Z.T.; YEGORCY, S.V.; OS.TO, T.I.; ROSTOVTSEY, N.N.;

DALMATOV, P.S., vedushchiy red.; GANNAD'YEVA, I.M., tekhn.red.

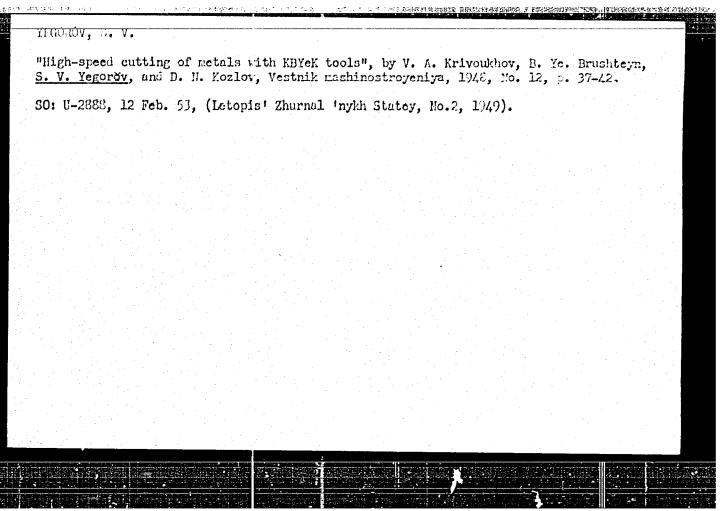
[Geology, hydrogeology, and oil and gas potentials of the Petropavlovak area in the West Siberian Plain, based on deep drilling data] Geologicheskoe stroenie, gidrogeologiia i perspektivy neftegazonosnosti Petropavlovakogo raiona Zapadno-Sibirskoi nizmennosti po dannym glubokogo burennia.

Leningrad, Gos.nauchn.-tekhn.izd-vo neft.i gorno-toplivnoi lit-ry Leningr.otd-nie, 1959, 117 p. (Leningrad, Vesediuznyi geologicheskii institut. Trudy no.25). (MIRA 12:12)

(West Siberian Plain-Petroleum geology)

(West Siberian Plain-Gas, Natural-Geology)

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EGOROV, S. V.

Teplovydelenie pri deformatsii metallov v protsesse rezaniia, kak kriterii obrabatyvaemosti metallov. (Vestn. Manh., 1951, no. 7, p. 38-43)

Includes Bibliography.

DLC: TN4.V4

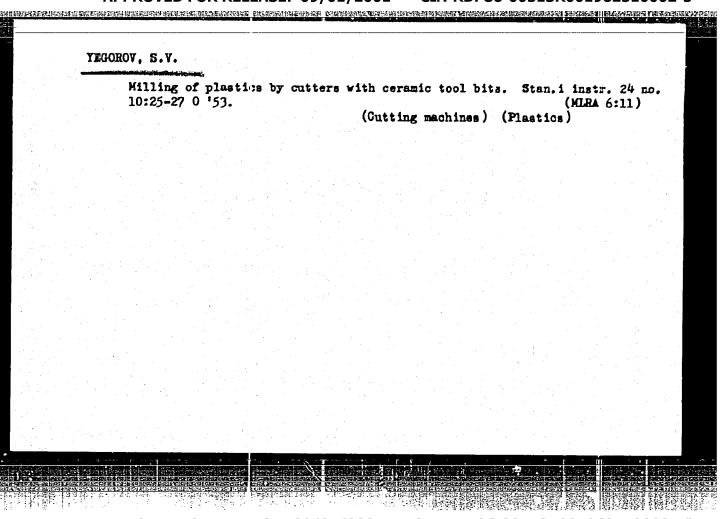
(Heat liberation during the deformation of metals in the cutting process as a criterion for the machinability of metals.)

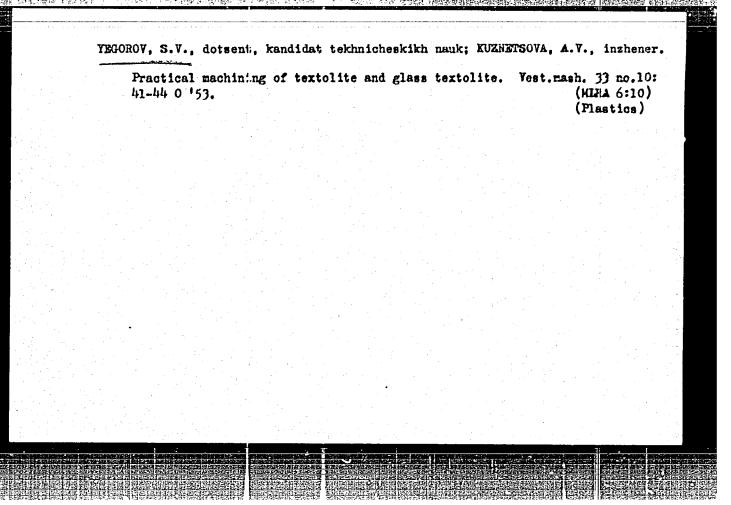
SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

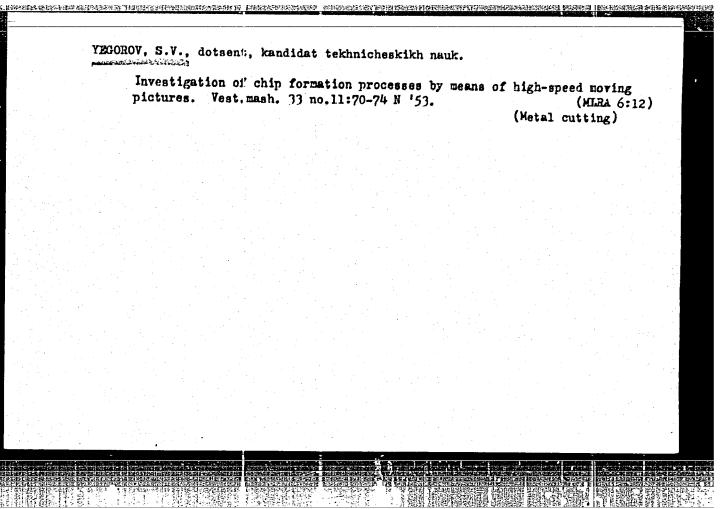


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YEGOROV, S.V.  USSR/Engineering - Structura	1 plastics	
Card 1/1 Pub. 103 - 8/24		
Authors : Yegorov, S. V		<b>5</b>
Title : Effect of temp	crature on the durability of the tool during treatm	ent of
Periodical : Stan. i instr.	11, 20-21, Nov 1954	A.
tools, during temperatures K-18-2 and an material like was the least VK8), which a plastics. The is their great	plain the effect of temperature on the wear resist the machining of plastic objects, the author invest of the cutting process during lathe machining of planting lathe machining of planting lather machining of planting lather machining of planting machinical temperatures to be quite wear resistant during machinical for greater wear of ceramic plates (thermore friction coefficient and lesser resistance to abr	gated the senoplast esistant of 1200, s (VK6, ag of ecorundum)
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Supmitted :		

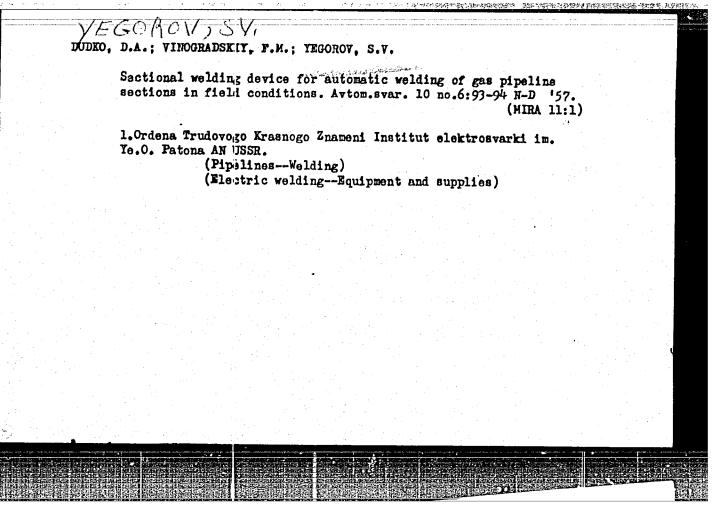
N. 1913 AND PARTY REPORT OF THE PROPERTY OF THE PARTY OF

YEGGROY. Sergey Vasil' revich; CHERVYAKOV, Arkadiy Origor'yevich; ERUSHTEYN, B. Ie., kandidat tekhnicheskikh nauk, redsktor; MOROZOV, A.P., kandidat tekhnicheskikh nauk, redsktor; BELITSKAYA, A.M., izdatel-skiy redsktor; (HADKIKH, H.H., tekhnicheskiy redsktor

[Luboratory manual for the course "Metal cutting and cutting tools."]
Rukovodstvo k luboratornym rabotam po kursu "Rezanie metallov i
reshushchii instrument." Pod red. B.E.Brushteina. Moskva, Gos. ind-vo
obor. promyshl., 1957. 91 p.

(MIRA 10:1)

(Metal cutting) (Cutting tools)



YEGOROV, S.V.

PHASE I BOOK EXPLOITATION

SOV/1301

Krivoukhov, Vasiliy Aleksandrovich, Boris Yefimovich Brushteyn, 25(1) Sergey Vasil'yevich Yegorov, Arkadiy Grigor'yevich Chervyakov, Nikolay Alekseyevich Chelobov (Deceased), Mikhail Antonovich Myakishev, Vladimir Georgiyevich Bovin, Petr Grigor yevich Petrukha, and Petr Dmitriyevich Bespakhotnyy

Obrabotka metallov rezaniyem (Metal Cutting) Moscow, Oborongiz, 627 p. 20,000 copies printed.

Reviewer: Klushin, M.I.; Ed. (Title page): Krivoukhov, V.A.; Ed. (Inside book): Arshinov, V.A., Candidate of Technical Sciences, The Local County: Arenthov, v.A., Candidate of Technical Science Docent; Ed. of Publishing House: Suvorova, I.A.; Tech. Ed.: Rozhin, V.P.; Managing Ed.: Sokolov, A.I., Engineer.

PURPOSE: This textbook is for aeronautical vuzes giving a course on

COVERAGE: The bock discusses in a concise form the physical fundamentals of metal-cutting processes using various types of tools and emphasizing the special features required for the aviation industry. A description and the basic designs of standard metal-cut-Card 1/15